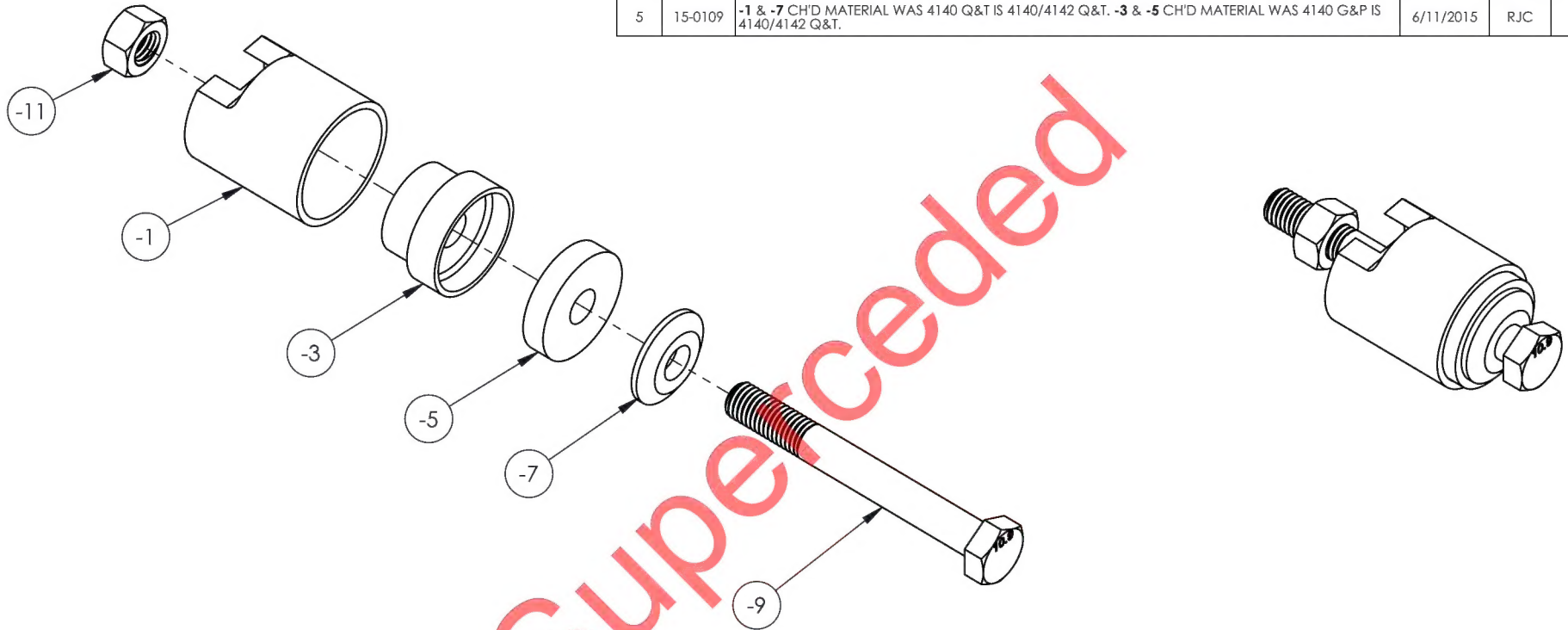


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		-01 ADDED S/N, "MADE IN USA".	4/29/2009	RJC	
2		CH'D ALL HOLES FROM 12.2mm TO 12mm FOR BETTER TOOL ALIGNMENT. CHANGES MADE TO MATCH CURRENT HELI-PRODUCTS TOOLS AND MORE OPEN TOLERANCES. -01 CH'D DEPTH FROM .984 TO 1.06, ADDED R12 FOR LOOSER TOLERANCE. -03 CH'D DIM FROM Ø1.480 TO 1.487, FROM .939 TO .945, ADDED R.03. -05 CH'D DIM WAS Ø1.480 IS 1.487.	9/30/2009	WP	RW
3		-01 CH'DIM WAS Ø1.500 IS Ø1.500+.000 - .003.	12/15/2010	RJC	RW
3A		-03 ADDED MISSING DIM .325.	9/20/2011	RJC	GE
3B		CORRECTED T/N WAS RBEA93-3312-03 IS RBE350A93-3312-03.	11/6/2013	RJC	RW
4		-1 ADDED MISSING DIMS R.09 AND R.10. -3 & -5 CH'D MATERIAL WAS 4140 Q&T IS 4140 G&P.	3/25/2014	DPD	GE
5	15-0109	-1 & -7 CH'D MATERIAL WAS 4140 Q&T IS 4140/4142 Q&T. -3 & -5 CH'D MATERIAL WAS 4140 G&P IS 4140/4142 Q&T.	6/11/2015	RJC	JAG

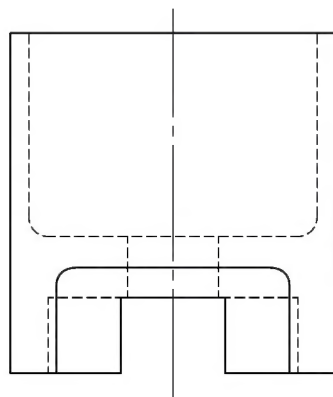


ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	RECEIVER	4140/4142 Q&T		2
			-3	1	REMOVER/INSTALLER	4140/4142 Q&T		3
			-5	1	SEAT	4140/4142 Q&T		4
			-7	1	WASHER	4140/4142 Q&T		5
		B/O	-9	1	HEX HEAD CAP SCREW	STEEL	M12 X 1.75 X 100mm (MCMASTER-CARR #91310A742)	1
		B/O	-11	1	HEX NUT	STEEL	M12 X 1.75mm (MCMASTER-CARR #90685A110)	1

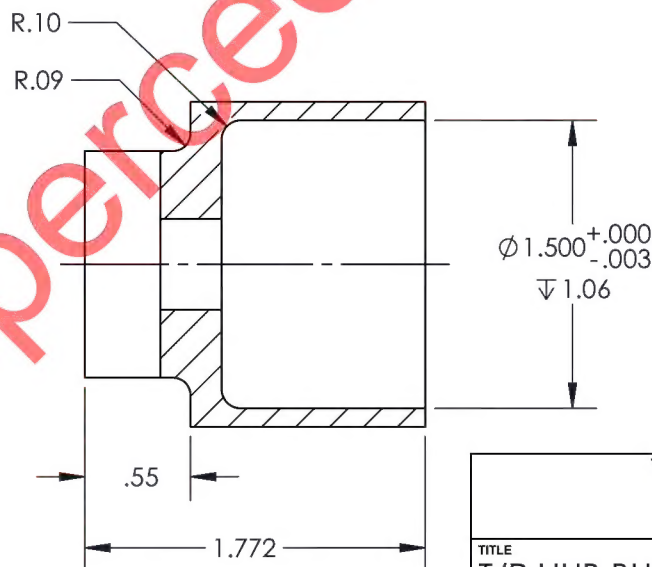
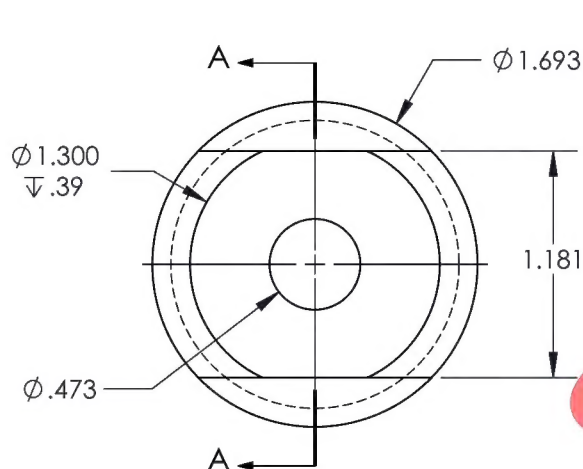
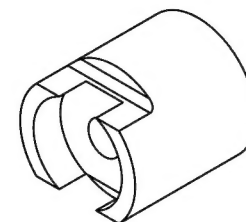
DART AEROSPACE	
TITLE T/R HUB BUSHING REPLACEMENT TOOL	
DWG NO. RBE350A93-3312-03	REV 5
MAT'L UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1	DRAWN BY: PERRITT APPROVED <i>D Weil</i> HEAT TREAT FINISH SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
USED ON MODEL EUROCOPTER AS350/355	
SCALE 1:2	DATE 10/27/2008
SHEET 1 OF 5	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		-01 ADDED S/N, "MADE IN USA".	4/29/2009	RJC	
2		-01 CH'D DEPTH FROM .984 TO 1.06, ADDED R12 FOR LOOSER TOLERANCE.	9/30/2009	WP	RW
3		-01 CH'DIM WAS Ø1.500 IS Ø1.500+.000 - .003.	12/15/2010	RJC	RW
4		-1 ADDED MISSING DIMS R.09 AND R.10.	3/25/2014	DPD	GE
5	15-0109	-1 CH'D MATERIAL WAS 4140 Q&T IS 4140/4142 Q&T.	6/11/2015	RJC	JAG



ENGRAVE T/N, S/N,
MADE IN USA



SECTION A-A

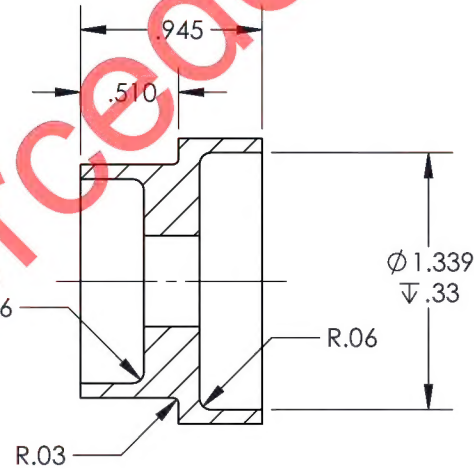
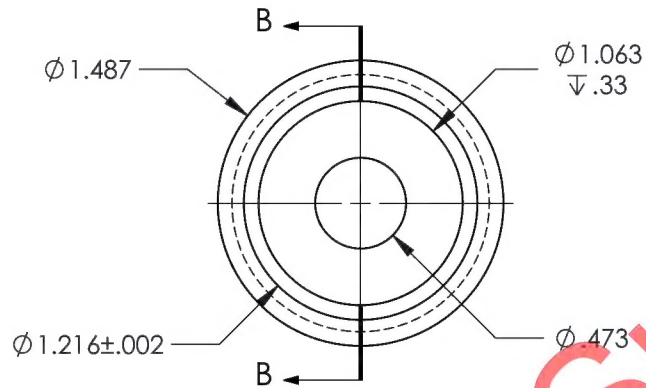
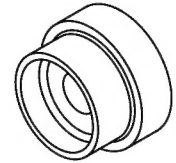
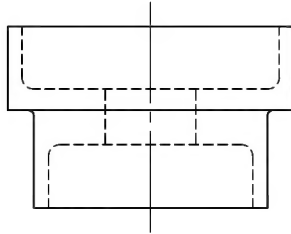
-1

RECEIVER

DART AEROSPACE	
TITLE T/R HUB BUSHING REPLACEMENT TOOL	
DWG NO. RBE350A93-3312-03-1	REV 5
MAT'L 4140/4142 Q&T	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/8	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH BLACK OXIDE
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	EUROCOPTER AS350/355
SCALE 1:1	DATE 10/27/2008
SHEET 2 OF 5	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2		-03 CH'D DIM FROM Ø1.480 TO 1.487, FROM .939 TO .945, ADDED R.03.	9/30/2009	WP	RW
3A		-03 ADDED MISSING DIM .325.	9/20/2011	RJC	GE
4		-3 CH'D MATERIAL WAS 4140 Q&T IS 4140 G&P.	3/25/2014	DPD	GE
5	15-0109	-3 CH'D MATERIAL WAS 4140 G&P IS 4140/4142 Q&T.	6/11/2015	RJC	JAG



SECTION B-B

(-3)

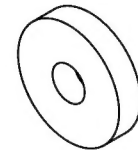
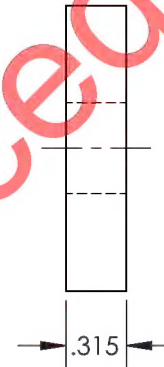
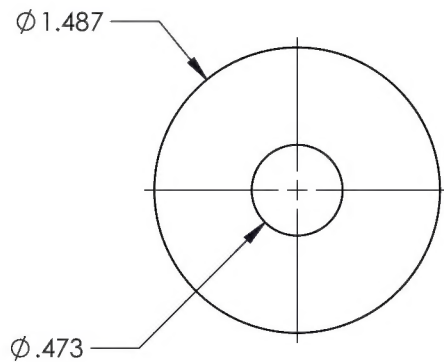
REMOVER/INSTALLER



TITLE T/R HUB BUSHING REPLACEMENT TOOL		
DWG NO. RBE350A93-3312-03-3	REV 5	
MAT'L 4140/4142 Q&T	DRAWN BY: PERRITT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>	
.XXX ± .005 FRACTIONS ± 1/8	HEAT TREAT	
.XX ± .01 ANGLES ± 5°	FINISH BLACK OXIDE	
.X ± .1	SPEC	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	EUROCOPTER AS350/355	
SCALE 1:1	DATE 10/27/2008	SHEET 3 OF 5

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2		-05 CH'D DIM WAS Ø1.480 IS 1.487.	9/30/2009	WP	RW
4		-5 CH'D MATERIAL WAS 4140 Q&T IS 4140 G&P.	3/25/2014	DPD	GE
5	15-0109	-5 CH'D MATERIAL WAS 4140 G&P IS 4140/4142 Q&T.	6/11/2015	RJC	JAG



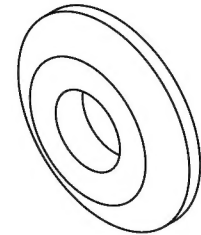
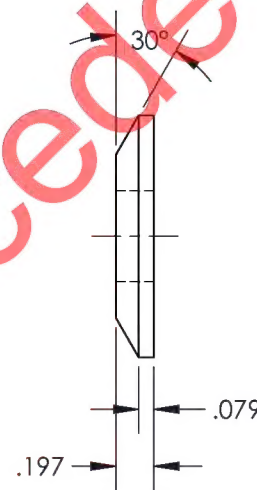
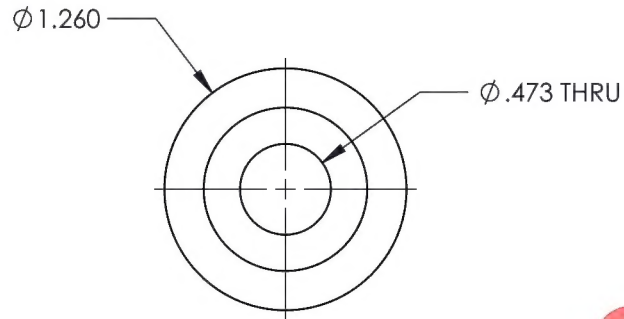
(5)

SEAT

DART AEROSPACE	
TITLE T/R HUB BUSHING REPLACEMENT TOOL	
DWG NO. RBE350A93-3312-03-5	REV 5
MAT'L 4140/4142 Q&T	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/8	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH BLACK OXIDE
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	EUROCOPTER AS350/355
SCALE 1:1	DATE 10/27/2008
SHEET 4 OF 5	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
5	15-0109	-7 CH'D MATERIAL WAS 4140 Q&T IS 4140/4142 Q&T.	6/11/2015	RJC	JAG



Supercircled

(-7)

WASHER

DART AEROSPACE	
TITLE T/R HUB BUSHING REPLACEMENT TOOL	
DWG NO. RBE350A93-3312-03-7	REV 5
MAT'L 4140/4142 Q&T	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/8	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH BLACK OXIDE
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	EUROCOPTER AS350/355
SCALE 1:1	DATE 10/27/2008
SHEET 5 OF 5	